

Box 220



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LIST OF PUBLICATIONS ON INDIAN ENTOMOLOGY, 1924

(Compiled by the Imperial Entomologist)



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List of Publications on Indian Entomology, 1924.

Received for Publication on 1st April 1925.

A

Achard, J.—

Essai d'une subdivision nouvelle de la famille des Scaphidiidae.
(*Ann. Soc. Ent. Belg.* LXIV, 25-31; July 1924.)

Nouvelles espèces de *Scaphidiolum* de la faune indomalaise. (*Bull. Soc. Ent. France* 1924, pp. 150-153; Dec. 1924.) [*S. hexaspilotum*, n. sp., p. 152, Kandy.]

Adair, E. W.—Notes sur *Periplaneta americana*, L., et *Blattaurantias*, L. (*Bull. S. R. Ent. Egypt.* 1923, pt. 2, pp. 18-38, figs.; 1924.)

Alexander, C. P.—Undescribed species of Nematocera from Japan. (*Insec. Inscit. Menstr.* XII 49-55; Mar. 1924.) [*Ptychoptera amandalei*, Brunetti, pp. 50-51, notes.]

Andrewes, H. E., and Scott, H.—A List of Carabidae from Macao, South China, with a description of a new species and biological notes. (*Ann. Mag. Nat. Hist.* (9) XIII 466-472; Apl. 1924.) [Many Indian spp. recorded.]

Andrewes, H. E.—

On the Oriental Carabidae of the "Reise Novara." (*Trans. Ent. Soc. London* 1923, 459-468; Apl. 1924.)

Papers on Oriental Carabidae, XIII. (*Ann. Mag. Nat. Hist.* (9) XIV 241-244; Aug. 1924.) [*Lebidia*, pp. 241-243, key to spp.; *L. bioculata himalayica*, var. nov., p. 243, Kumaon, Karen Hills; *L. octocelis*, n. sp., p. 244, Gopaldhara (Sikkim).]

Papers on Oriental Carabidae, XIV. (*Ann. Mag. Nat. Hist.* (9) XIV 585-593; Dec. 1924.)

Notes on Oriental Carabidae, VI. (*Ent. Mo. Mag.* allX191-192, Aug. 1924, pp. 193-198, Sept. 1924.) [*Bembidium quadripustulatum*, Dej., pp. 191-192; *B. uniferum*, n. sp., pp. 192-193, Fyzabad, Naini Tal distr.; *B. satanas*, n. sp., p. 193, Goorais Vley,

Andrewes, H. E.—*contd.*

(Kashmir) ; *B. dardum*, Bates, p. 194, Goorais Va'ey, redescr. ; *B. bracculatum*, Bates, pp. 194-195, Skardo, redescr. ; *B. ladakense*, n. sp., pp. 195-196, Ladakh, Gond, Baltal (Kashmir). Sumdeo (Lahul) ; *B. uvidum*, Andr., p. 196, Naini Tal, Ranikhet ; *B. rubidum*, n. sp., pp. 196-197, Poo (Kashmir).]

Description(s) of some new Carabidae from Ceylon. (*Spolia Zeylan.* XIII 129-141 ; Sept. 1924.)

Carabidae, in "mission dans es Provinces Centrales de l'Inde et dans la région occidentale de l'Himalaya, 1914, par Guy Babault." (Paris ; 1924 ; sep. pp. 1-123, col. tab. 1-4.) [Many new Indian spp.]

Andrews, E. A.—

The Tea Green-Fly. (*Ind. Tea Assoc. Qrly. Journ.* 1923, pp. 109-117, 1 diagram ; Jan. 1924.)

Termites. (*Ind. Tea Assoc. Qrly. Journ.* 1923, pp. 118-125 ; Jan. 1924.) [Abstract of Dr. Hutson's Notes on Termites attacking Tea in Ceylon. Ceylon Agric. Dept. Leaflet, 24 June, 1923.]

Anandale, N.—Termite Mounds. (*Bombay Nat. Hist. Soc. Journ.* XXX 25-35, 4 figs. ; Nov. 1924.)

Antram, C. B.—Butterflies of India. (Calcutta ; May 1924 ; pp. XVI +226, tt. 1-3, ff. 1-412.) [Includes only Papilionidae, Pieridae, Nymphalidae and Nemeobidae of India exclusive of Burma and Ceylon. *Parnassius sulphurus*, n. sp., p. 38, f. 71, Tibet.]

Arrow, G. J.—Vocal Organs in the Coleopterous Families Dytiscidae, Erotylidae and Endomychidae. (*Trans. Ent. Soc., London* 1924, 134-143, 2 figs. ; Aug. 1924.)

Aurivillius, C.—Neue oder wenig bekannte Coleoptera Longicornia. (*Arkiv for Zoologi* XV 437-479, ff. 113-133 ; Feb. 1924.) [*Psilomerus apicalis*, n. sp., p. 445, Palnis ; *Pothyne septemlineata*, n. sp. pp. 469-470, Burma.]

Austin, G. D.—The Indian Glow-worm. (*Lamprophorus tenebrosus* Wlk.) (Ceylon Dept. Agric. Year-Book 1924, pp. 68-69, t. 26 ; Apl. 1924.)

B

Bacot, A. W., and Martin, C. J.—The respective influences of temperature and moisture upon the survival of the Rat Flea. (*Xenopsylla cheopis*) away from its host. (*Jl. Hygiene* XXII, 98-105, 3 diagrams; Sept. 1924.)

Bagnall, R. S.—

A new species of Thrips from India. (*Ann. Mag. Nat. Hist.* (9) XIII 424-425; Apl. 1924.) [*Thrips pallidulus*, Pusa.]

On a new injurious Thrips affecting Tea in India. (*Bull. Ent. Res.* XIV 455; May 1924.) [*Dendrothrips bispinosus*, n. sp., Kotagiri.]

Brief Descriptions of new Thysanoptera, XIV. (*Ann. Mag. Nat. Hist.* (9) XIV, 625- ; Dec. 1924) [*Mesothrips*, Zimros. = *Arrhenothrips*, Hood 1919, p. 635; *M. brevis*, n. sp., pp. 636-637, Ceylon; *M. angusticornis*, n. sp., pp. 638-639, Peradeniya; *M. karnyi*, n. sp., pp. 639-640, Delhra Dun; *Leucovenia eugenica*, n. sp., p. 640, Kodaikanal.]

Baker, C. F.—

Remarks on the Tettigometridæ (Fulgoroidea). (*Philipp. Jl. Sci.* XXIV 91-99, tab.; Jan. 1924.) [Key to Subfam., p. 92; *Isthmia*, Wlk., type *undata*, = *Hilda*, Kirk., is an African genus distinct from the Indo-Malayan genus *Egropa*, Melich., p. 93; *E. inusta*, Melich., p. 95; *E. tenasserimensis*, Dist., p. 96; *E. bengalensis* Dist., pp. 97-98, t. 1 f. 4, Charact., Calcutta.]

Nomenclatorial Notes on the Jassoidea. (*Philipp. Journ. Sci.*, XXIV 367; Mar. 1924.) [*Penthinia distant*, n. sp., for *nitida*, Dist. 1912, nec Lethierry 1877; *Goniozygum* (*Goniognathus*) *appellans*, n. sp., for *obesus*, Dist. 1918, nec Jacobi 1910; *Deltoccephalus deletus*, n. sp., for *thoracicus*, Dist. 1908, nec Fieber 1869; *Idiocerus incertus*, n. sp. for *maculatus*, Dist. 1912, nec Melichar 1896.]

Baldus, K.—Untersuchungen ueber Ban und Funktion des Gehirnes der larve und Imago von Libellen. (*Zeits. wiss. Zool.* CXXI 557-620, 4 figs.; tt. 6, 7; Jan. 1924.)

Ballard, E., and Ramachandra, Rao, Y.—A Preliminary note on the Life-history of certain Anthomyiad Flies, *Atherigona* spp. and *Aerotochaeta excisa*, Thomson. (*Proc. Fifth Entl. Meeting*, pp. 275-277, t. 23; June 1924.)

Barrand, P. J.—

- A Revision of the Culicine Mosquitoes of India, Part VIII. (*Ind. Journ. Med. Res.* XI 845-866, tt. 48-57; Jan. 1924.) [*Finlaya* spp.]
- A Revision of the Culicine Mosquitoes of India, Parts IX, X, XI. (*Ind. Journ. Med. Res.* XI 971-998, tt. 63-68; May 1924.)
- A Revision of the Culicine Mosquitoes of India, Part XII. (*Ind. Journ. Med. Res.* XI 1259-1274, tt. 85-87; May 1924.) [*Culex* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XIII. (*Ind. Journ. Med. Res.* XI 1275-1282, tt. 88-89; May 1924.) [*Culex* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XIV. (*Ind. Journ. Med. Res.* XII, 15-22, t. 1; July 1924.) [*Culicomyia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XV. (*Ind. Journ. Med. Res.* XII 39-46, tt. 7, 8; July 1924.) [*Lophocera tomia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XVI. (*Ind. Journ. Med. Res.* XII 139-144, tt. 9, 10; July 1924.) [*Theobaldia* spp.]
- A Revision of the Culicine Mosquitoes of India, Part XVII. (*Ind. Journ. Med. Res.* XII 427-436, tt. 24-28; Oct. 1924.) [*Culex* larvae.]
- A new Mosquito from Kashmir. (*Ind. Journ. Med. Res.* XI 967-968, fig.; Jan. 1924.) [*Finlaya sintoni*.]
- Four new Mosquitoes from the Western Himalayas. (*Ind. Journ. Med. Res.* XI 999-1006, fig.; April 1924.)
- A new Mosquito from Kashmir and the North-West Frontier Province. (*Ind. Journ. Med. Res.* XII 73-74; July 1924.) [*Finlaya versicolor*, n. sp.]

Baumann C.—Ueber den Bau des Abdomens und die Funktion des Legeapparatus von *Thalysa leucographa*, Grav. (*Zool. Anzeiger* LVIII 149-162, figs.; Jan. 1924.) [Several Indian Ichneumonidae are apparently formed similarly.]

Beeson, C. F. C.—

The Geographical distribution of the Coleopterous borers of sal (*Shorea robusta*). (*Proc. Fifth Ent. Meeting*, pp. 159-175; June 1924.)

Beeson, C. F. C.—contd.

Recent work in Forest Entomology (Abstract). (*Loc. cit.* pp. 176-179; June 1924.)

Forest Entomology. (*Board Sci. Advice India*, Report 1922-23, pp. 59-62; 1924.)

The economic importance and control of the Sal Heartwood Borer (*Hoplocerambyx spinicornis*.) (*Ind. Forester* L. 516-524; Oct. 1924.)

Bell, T. R.—

The Common Butterflies of the Plains of India. Part XXX. (*Bombay Nat. Hist. Soc. Journ.* XXIX 703-717; Feb. 1924.) [Hesperiidae (contd.).]

The Common Butterflies of the Plains of India. Part XXXI. (*Bombay Nat. Hist. Soc. Journ.* XXIX 921-946; May 1924.) [Hesperiidae (contd.).]

The Common Butterflies of the Plains of India. Part XXXII. (*Bombay Nat. Hist. Soc. Journ.* XXX 132-150; Nov. 1924.)

Bergroth, E.—Myrmecoidae Heteropteren. Myodochidae. (*Ann. Mus. Nat. Hung.* XVIII 73-84; Dec. 1921 (recd. Sept. 1924).) [*Ver-tomannus*? sp., pp. 73-74, Moulmein, last stage larva descr.]

Bishara, I.—A preliminary note on the Estimation of Loss by Boll-worms. (*Egypt Agric. Techn. Bull.* 39; Cairo; 1924.)

Bischoff, W.—Die Segmentierung der Blepharoceriden—Larven und —Puppen und die ökologische Begründung der Larvenphylogenie. (*Zool. Anzeig.* LX 231-251, 6 figs.; Aug. 1924.)

Blair, K. G.—Some Notes on Luminosity in Insects. (*Ent. Mo. Mag.* LX 173-178; Aug. 1924.)

Blunck, H., and Speyer, W.—Kopftausch und Heilungsvermögen bei Insekten. (*Zeits. wiss. Zoologie* CXXIII 156-208, 2 figs.; June 1924.)

Blüthgen, P.—

Beiträge zur Systematik der Bienengattung *Halictus*, Latr. (Hym.) (*Konowia* III 253-284; Oct. 1924.) [*H. marginatus*, Brullé=*nireus*, Bingham, p. 281, S. Europe, Turkestan, Kashmir.]

Blüthgen, P.—*contd.*

Beiträge zur Systematik der BienenGattung *Sphcodes*, Latr. II. (Deuts. Entom. Zeits. 1924, pp. 457-516; Dec. 1924.) [*S. intermedius*, Bl., p. 457, Quetta; *S. sareptensis*, Meyer, pp. 460-463, Quetta; *S. turneri*, Cockill., pp. 488-489, Tenasserim; *S. fumipennis*, Sm., pp. 489-490, Sikkim; *S. bischoffi*, n. sp., pp. 494-495, Maymyo Su aatra; *S. binghami*, n. sp. (= *apicatus*, Bingham, nec. Sm.), pp. 495-498, Pegu Hills; *S. gibbus*, L., p. 498, Srinagar, Gandarbal (Kashmir); *S. crassicornis*, Sm., pp. 498-501, Mt. Abu, Deesa, Banhar, Chapra, Coimbatore; *S. albifrons*, Sm., pp. 501-504, Bombay, Nasik, Baghownie (Bihar); *S. dutti*, n. sp., pp. 506-507, Coimbatore; *S. fulvicornis*, n. sp., pp. 508-509, Deesa; *S. setiger*, n. sp. pp. 511-512, Simla; *S. matheranensis*, n. sp., pp. 512-513, Matheran; *S. simlaensis*, n. sp. 514-515, n. sp. Simla.]

Bose, B. B.—Life-history of *Danae* ^{linniace} *linniace* Cram., and its parasites. (Proc. Fifth Entom. Meeting, pp. 280-288, t. 26; June 1924.)

Braun, A. F.—The Frenulum and its Retinaculum in the Lepidoptera. (Ann. Ent. Soc. Amer. XVII 234-256, tab.; Sept. 1924.)

Brug, S. L.—Notes on Dutch East Indian Mosquitoes. (Bull. Ent. Res. XIV 433-442, 8 figs; May 1924.) [Indian spp.]

Brunetti, E.—*Microdon apiformis*, Brun., re-named. (Rec. Ind. Mus. XXVI 153; Apl. 1924.) [*M. apidiformis*, n.n.]

Bryant, G. E.—

New Species of Phytophaga. (Ann. Mag. Nat. Hist. (9) XIII 299-304; Mar. 1924.) [Eumolpidae: *Trichotheca aeneopicea* n. sp., pp. 300-301, Kangra.]

New Species of Phytophaga (Coleoptera). (Ann. Mag. Nat. Hist. (9) XIV 247-252; Aug. 1924.) [Halticidae: *Longitarsus cygnipennis*, n. sp., pp. 249-250 Lahoul.]

Buxton, P. A.—On predicting the seasonal prevalence of an insect. (Trans. R. Soc. Trop. Med. Hyg. XVI, 465-469, Feb. 1923.)

Buys, K. S.—Adipose Tissue in Insects. (Journ. of Morphology, XXXVIII 485-528, tt. 1-8; June 1924.)

C

- Cameron, M.**—New species of Staphylinidae from India. (*Trans. Ent. Soc., London*, 1924, 160-198; Aug. 1924.)
- Carpenter, G. H.**—Collembola of the Siju Cave, Garo Hills, Assam. (*Rec. Ind. Mus.* XXVI 285-289, figs.; June 1924.) [Entomobryidae: *Lepidocyrtus magnificus*, n. sp., pp. 285-286, ff. 1-3; *L. exploratorius*, n. sp., p. 286, ff. 4-6; *Paronella brunnea*, n. sp. p. 287, ff. 7-9; *Cyphoderopsis gracilis*, n. sp. pp. 288-289, ff. 10-12.]
- Cathcart, G. E.**—Notes on the use of artificial light in Sandfly destruction. (*Journ. R. A. M. C.* XLI 447-450, 2 figs.; Dec. 1923.) [Abstr. in *Rev. Appl. Ent.* B. XII 24.]
- Caudell, A. N.**—Malayan and East Indian Blattidae I. (*Philipp. Journ. Sci.* XXIV 641-666, t. 1; June 1924) [Introduction and subfam. Panesthinae.]
- Champion, G. C.**—
On a new subfamily of Clavicorn Coleoptera. (*Ent. Mo. Mag.* LX 25-29, figs.; Feb. 1924.) [Thaumastodinae, subf. nov. of Byrrhidae, p. 25; *Acontosceles*, n.g., pp. 27-28, type *hydroporoides*, n. sp., p. 29, ff. B 1-10, Haldwani.]
Some Indian Coleoptera [Part 13]. (*Ann. Mag. Nat. Hist.* (9) XIII 249-264, figs.; Mar. 1924.) [Helodidae: *Eubria minima* n. sp., p. 250, Haldwani; *Schinostethus nigricornis*, Waterh. 1880, p. 251, Shillong, Kumaon, Darjiling; *Psephenoides volutilis* n. sp., pp. 251-253, ff. A, 1, 2, Haldwani, Ranikhet. Telephoridae: *Silis pectinicornis* n. sp., ff. B, 3, 4, pp. 253-254, Kumaon; *S. lividipennis*, n. sp., pp. 254-255, ff. B, 5, 6, Nilgiris; *Spalnia-nus*, n. sp., pp. 255-256, ff. B, 7, 8, Palnis; key to *Silis* spp. p. 256; *Malthinus stramineus*, n. sp., pp. 256-257, Palnis; *Ichthyurus ranikhetensis*, n. sp., p. 257, ff. C, 1, 2, Ranikhet; *I. nigricauda*, n. sp., pp. 257-258, ff. C, 3, 4, Gokteik; *I. tridens*, n. sp., pp. 258-260, ff. C, 5-7, Ranikhet; *I. annulatus*, n. sp., p. 260, ff. C, 8, 9, Gopaldhara (Sikkim); *I. malthiniformis*, n. sp., pp. 260-261, f. C, 10, Pindar Valley. Melyridae: *Atalus palniensis*, n. sp., pp. 261-262, Palnis; *A. sejunctus*, n. sp., p. 262, Palnis; *Hypebaeus nainiensis* Champ. 1922, male descr., pp. 262-263;

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Nainital. Sphindidae : *Aspidiphorus asiaticus*, n. sp., p. 263, Nainital. Melandryidae : *Tetratonus cyanoptera*, n. sp., pp. 263-264, Tonglo (Sikkim). Pythidae : *Sphaeristes nigrocyanus*, n. sp., p. 264, Nainital.]

Some Indian Coleoptera (14). (*Ent. Mo. Mag.* LX 159-168, July 1924; 169-172, Aug. 1924.) [Staphylinidae : *Hyposenus coclogaster*, n. sp., pp. 159-160, Ranikhet; *H. rufoplagiatus*, n. sp., p. 160, Haldwani; *H. paederinus*, n. sp., pp. 160-161, Haldwani. Silphidae : *Agathidium maculicollis*, n. sp., p. 161, W. Almora; *Hydnobius contractus*, Champ. 1919, pp. 161-162, Bengal, Haldwani male descr.; *Cyrtus rotundatus*, n. sp., p. 162, Nainital; *Pseudoclenis hemisphaerica*, n. sp., p. 162, Nilgiris; *Ps. curicornis*, n. sp., p. 163, Nilgiris, Dikoya, Bogawantalawa; *Ps. disparilis*, n. sp., p. 163, fig. 1h, Nainital. Phalacridae : *Sphacrostilbus*, n. g., p. 164, type *dilatatus*, n. sp., p. 164, ff. 1a-g, W. Almora, Nilgiris, Borneo; *Heterostilbus*, n. g., p. 165, type *marginatus*, n. sp., p. 166, Kumaon; *H. laevigatus*, n. sp. p. 166, Naini Tal, W. Almora. Cryptophagidae : *Cryptophagus clavator*, n. sp., pp. 166-167, fig. 1i, W. Almora; *Trogocryptoides* n. g., p. 167, type *brachylevus*, n. sp., p. 168, ff. 2, 2a-c, W. Almora. Monotomidae : *Europs alutacea*, n. sp., p. 168, W. Almora; *Monotomopsis andreweisi*, Grouv., p. 169, Kandy, Nilgiris, Kumaon; *Mimodes megaloccephalus*, n. sp., pp. 169-170, W. Almora. Colydiidae : *Ocholissa laticeps*, Grouv., p. 170, Belgaum, W. Almora. *O. humeralis*, Fairm. p. 170, Ceylon, Borneo, Batchian, Nias, Madagascar, Tahiti etc.; *O. harmandi*, Grouv., pp. 170-171, redescr., Darjiling, W. Almora. Melandryidae : *Mycteris maculosus*, n. sp., pp. 171-172, Dawna Hills; *M. nodicornis*, n. sp., p. 172, f. 2d, Nilgiris.]

Some Indian Coleoptera (15). (*Ent. Mo. Mag.* LX 234-240 Oct. 1924), 241-247 (Nov. 1924).

Additional species of Xylophilidae from the Philippines, India, Fiji, and S. and W. Africa. (*Ann. Mag. Nat. Hist.* (9) XIII, 481-499; May 1924. [*Xylophilus sexdentatus*, n. sp., pp. 482-483, Vizagapatam; *X. patucki*, n. sp., pp. 483-484, Vizagapatam; *X. luteitarsis*, n. sp., pp. 484-485, Ranikhet, Sikkim; *X. semingeri*, n. sp., p. 485, Haldwani, ? Nilgiris; *X. trapeziderus*, n. sp., pp. 485-486, Ranikhet; *X. haldwaniae*, n. sp., p. 486, Haldwani; *X. breviscopia*, n. sp., pp. 486-487, Ranikhet; *X. tetras tictus*, n. sp., p. 487, Sukhatal (Kumaon; 8 000 ft.); *X. melanostictus*, n. sp. pp. 487-488, Almora; *X. kumaonae*, n. sp., pp. 488-489

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Haldwani; *X. latidens*, n. sp., p. 489, Haldwani; *X. basifasciatus*, n. sp., pp. 489-490, Kumaon; *X. subrufus*, n. sp., p. 490, Vizagapatam; *X. bifossulatus*, n. sp., pp. 490-491, Sikkim.]

Chatterjee, S. N.—A note on some discrepancies in Fauna of British India, Butterflies. (Bombay Nat. Hist. Soc. Journ. XXIX, 844-845, Feb. 1924.)

China, W. E.—A preliminary revision of the Oriental species of *Leptocoris*, Latr. (Hemiptera, Coreidae.) (Bull. Ent. Res. XIV 235-239, 14 figs.; Mar. 1924.) [*L. acuta*, Thunb., pp. 236-237, ff. 1, 2, Ceylon, S. India, Himalaya, Assam, Siam to Philippines and Celebes; *L. varicornis*, Fb., p. 237, ff. 5, 6, Ceylon, N. India, Assam, Burma, Tonkin to Philippines and Australia; *L. lepida*, Bredd., pp. 238-239, ff. 7, 8, Ceylon, Dehra Dun, Sikkim, Burma, Malay States, Borneo; *L. costalis*, H. S., p. 239, ff. 13, 14, Burma, Siam to Formosa, Borneo and Java.]

Notes on Jassoidea (Homoptera). (Entom. LVII 216; Sept. 1924.) [Synonymy.]

Chopard, L.—

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Wallon (Ahmednagar Dists.), associated with *Pheidole sulcaticeps*
poonensis, Forel; *Sitalia severini*, Lewis, pp. 307-308, remarks;
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neue Wirtstermite. (*Zool. Anzeiger* LIX 289-304, figs.; June
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Formosa, to include *fasciatus*, Wlk., *fixinimus*, Wlk., *flavocinctus*, Ric., *dispar.*, F., *translucens*, Wlk., from Oriental Region ; *Chrysops dispar.*, F., pp. 127-128, Annam, Indo-China, Formosa, Borneo.]

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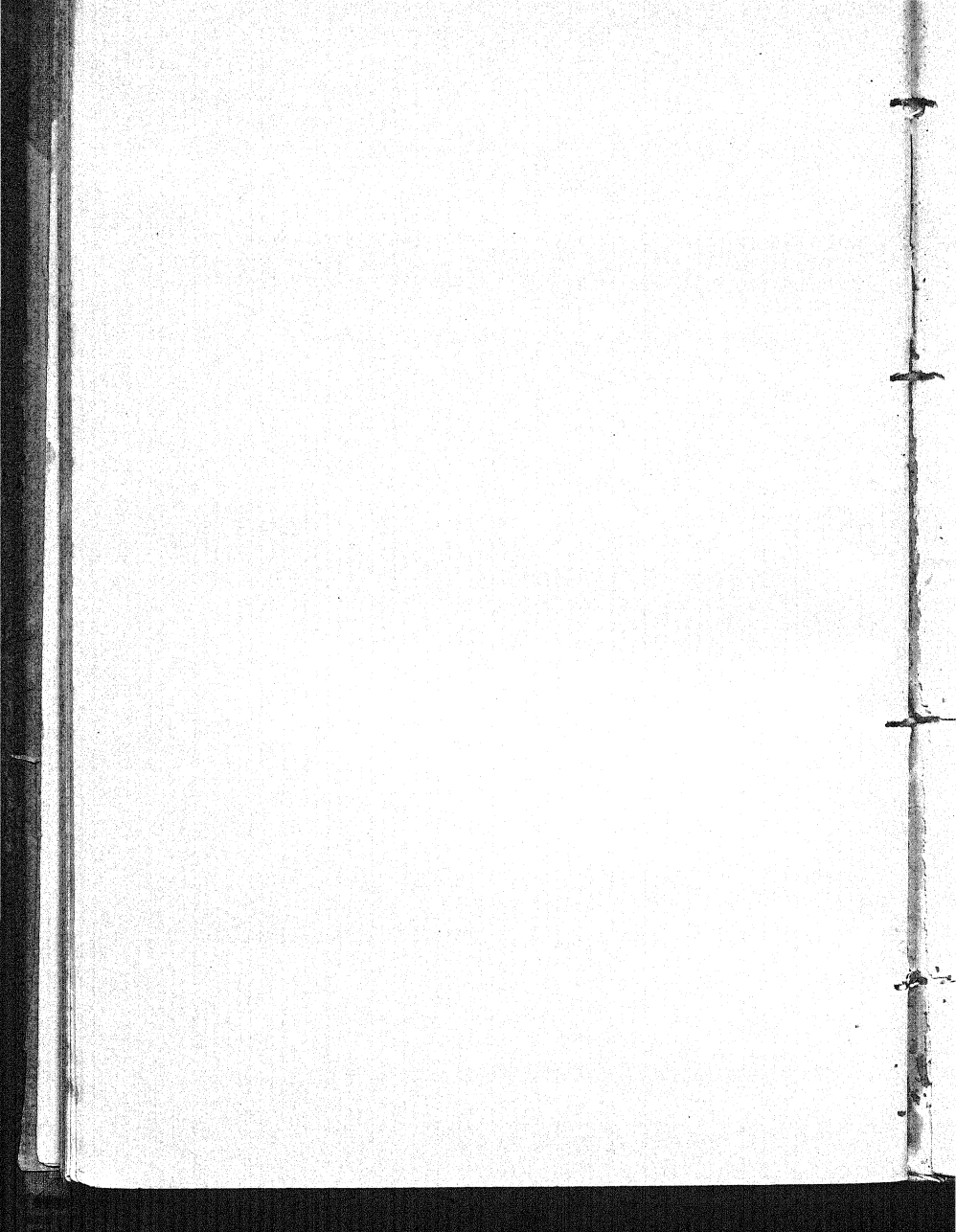
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Abbot, C. E.—Associative Memory in the Larvae of *Anax junius*. (*Ann. Ent. Soc. America*, XVIII, 533-536, Dec. 1925.)

Achard, J.—Catalogue des Scaphidiidae de la Faune palearctique. (*Bull. Soc. Ent. Belg.*, VI, 143-145, Jan. 1925.) [Key to genera, pp. 144-146.]

Adkin, Robert.—Dispersal of butterflies and other insects. (*Nature*; CXVI, 467, Sept. 1925.)

Adler, S., & Theodor, O.—

A Sporozoon of *Phlebotomus papatasi*. (*Ann. Trop. Med. & Parasit.*, XIX, 309-313, Sept. 1925.)

The experimental Transmission of Cutaneous Leishmaniasis to Man from *Phlebotomus papatasi*. (*Ann. Trop. Med. & Parasit.*, XIX, 365-371, Sept. 1925.)

Alberts, H. W., and Flint, W. P.—The effect upon the vitality of seed corn of temperature that will kill seed infesting insects. (*Jl. Eco. Ent.*, XVIII, 771-776, Dec. 1925.)

Aldrich, J. M.—

A New Tachinid Parasite of a Cocoanut Moth in South Asia. (Diptera.) (*Proc. Ent. Soc. Wash.*, XXVII, 13, Jan. 1925.) [*Ptycho-myia remota*, n. sp., bred from the caterpillar of *Ariona catoxantha*, Hampson, attacking cocoanuts in the Federated Malay States.]

Aldrich, J. M.—*contd.*

Two New Species of the Tachinid genus *Lixophaga* with notes and key (Diptera). (*Proc. Ent. Soc. Wash.*, XXVII, 132-136, June 1925.)

Alexander, W. B.—Natural Enemies of Prickly Pear and their Introduction into Australia. (*Bull. No. 29, Inst. of Sc. & Industry, Australia*, 1925.)**Alfken, J. D.**—Zwei neue indische *Protopis*-Arten und über die 3 grossen indischen *Xylocopa* spp. (Apid). (*Ent. Mitteilungen*, XIV, 371-76, Oct. 1925.) [*X. latipes* Drury and *X. tenuiscapa*, Westw. pp. 373-375, descriptive notes.]**Ali, S.**—Citrus-psylla and how to control it? (*Punj. Agric. Dept. Seasonal Notes*, II, 30-31, Mar. 1925.)**Andrews, E. A.**—The Thrips Pest of Tea in Darjeeling. (*The Indian Tea Association, Scientific Dept., Quarterly Journal*, Part II, 60-105, 1925.)**Andrews, E. A., and Tunstall, A. C.**—Notes on the Spraying of Teai (*Indian Tea Assoc. [Rev. Edn.]*, 10 pls. 1925.)**Andrewes, H. E.**—

A Revision of the Oriental Species of the Genus *Tachys*. (*Annali Museo Civico Storia Naturale*, LI, 327-498, tt. 3-4, 1923-25.)
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Papers on Oriental Carabidæ, XV. (*Ann. Mag. Nat. Hist.* XI, 306-13, Feb. 1925.) [Nebriini: *Nebria elegans*, n. sp., United Provinces, Kumaon, West Almora Division, Sunderdhunga, 8,000-12,000 ft.; *N. pindarica*, n. sp., United Provinces, Pindar Valley, 8,000-11,000 ft.; *N. cameroni*, n. sp., United Provinces, Mussoorie, Dehra Dun, Siwalik Hills, West Almora, *N. aborana* n. sp., Assam, Naga Hills, 4,000 ft. Banks of Dihong River, Janakmukh, 600 ft.; *N. cinctella*, n. sp., United Provinces, Dehra Dun, Mothronwala; *Leistus nivium*, n. sp., Kashmir, Dusu.]

Notes on Oriental Carabidæ. (*Ent. Mo. Mag.*, LXI, pp. 49-58, March 1925) [Genus *Asaphidion*; Key to spp., p. 50; *A. championi*, Andr., redesc., India: Kumaon, Spiti, Sikkim, Assam-Bhutan frontier, p. 52; *A. obscurum*, n. sp., Garhwal: Dudhatoli, pp. 52-53; *A. cuprascens*, n. sp., Kumaon, Ha'dwani Division

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A New Process of Preventing the Ravages of the clothes Moth (Lepid. Tineidae). (*The Entomologist*, LVIII, 61-62, March 1925.) [Incorporation of Eulan into woolen textiles and other fabrics giving permanent protection against moth damage.]

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- I. Einleitung sowie die Gattung *Byrsax* Pascoe. (XXVI, 67-97, t. 1, Jan.) [Lit. 69-75. Bolitophaginae: Key to genera, 78-79; *Byrsax* Pascoe, 79-80, key to spp. 81-82, *B. tuberculatus*, Gravely, 82, t. 1. f. 7; *B. contemptus* Geb. in litt. Ceylon, Himalaya, Borneo, Java, 82-84; *B. cornutus* Fab., Coromandel, Ceylon, 84-85; *B. ovipennis*, n. sp., Ceylon, 87-88; *B. singhalus*, n. sp., Ceylon, 88-90-t. 1, fig. 6; *B. confrater*, n. sp., Ceylon, 93-94.]
- II. Die Gattungen *Atasthalus*, *Bolitoxenus*, *Bolitonaus*, und *Sumbawia*. (XXVI, 423-444, tt. 1-2, Mar. 1925.) [Genus *Atasthalus* Pascoe, Key spp. 423-424. Gen. *Bolitoxenus* Motschulsky, disc. 427-428, key spp. 428-429. Gen. *Bolitonaus* Lewis, 437, key spp. 438. *B. 4-dentatus* (Candeze), Ceylon, desc. 440. Gen. *Sumbawia*, n. g. 441-442, *S. tetrops*, n. sp., Sumbawa, 442-444, t. 1, fig. 7; t. 2, fig. 7.]
- III. Die Gattungen *Bradymerus*, *Chaetopsia*, *Danodema*, und *Dicraeosis*. (XXVI, 535-576, t. 1, April 1925.) [Genus *Bradymerus* Perroud, desc. 536, Key to Indian Spp. 537-541. *B. aratus*, n. sp., Ceylon, 543-545. *B. sericollis* (Walker) desc. 548-549, Ceylon, Weligama, Negombo. *B. acutangulus*, n. sp., Java; West Java; Kina Ondera, Malabar-Gebirge, 558-559, t. 1, fig. 2. *B. clathratus* Schaufuss, Ober-Assam, Andamanen, Sumatra, Java, Borneo, Formosa, Philippinen, Süd Celebes, 563. Catalogue of spp. 566-567. Genus *Chaetopsia*, n. 567, *C. angusticollis*, n. sp., Sumatra, Java, 568-569. *Danodema*, n. g. 570, *D. subcalvum*, n. sp., t. 1, fig. 5. Süd-Indien, Trichinopoly, 571. *Dicraeosis* Gebien, desc. 573-574.]
- IV. Die Gattungen *Phlaeopsidius*, *Dysantes*, *Basanus*, und *Diaperis*. (XXVII, 131-156, t. 1, May, 1925.) [Dysantinae, subfam. new: *Phlaeopsidius*, n. g. type *Endophlaeus flexuosus* Solander, 131-132. Diaperinae: general; key to genera, 142-143. *Basanus* Lacordaire, key spp. 144-145. *Diaperis* Linn. key to spp. 155.]

Gebien, H.—*contd.*

- V. Die Gattung *Ceropria*. (XXVII, 257-288, t. 1, June, 1925.) [Key to spp. 259-261. *C. decolorata*, n. sp., 265-266. *C. induta* var. *purpurina*, n. var., Sudindien, Himalaya, Assam etc., 277. *C. scrippes*, n. sp., Tenasserim, 284-286.]
- VI. Die Gattungen *Ischnodactylus*, *Hoploccephala*, und *Mutianus*. (XXVII, 423-452, t. 1, July, 1925.) [*Ischnodactylus*, key to spp. 424-426, *I. unifasciatus*, n. sp., Ober-Assam, 444-445, t. 2, fig. 6.]
- VII. Die Gattung *Platyedema* Castelnau und Brulle. (XXVII, 539-593, t. 1, Aug. 1925.) [Key to groups, 540. Key to Asiatic spp. 540-545, and 545-547. *P. ferruginum* (Motschulsky) desc., Burma, 547-549. *P. pallidicelle* Lewis, Bengalen; Hinterindien; Cochin China, Formosa, Japan, Java, Philippinen, Insel Dammier, Surigao, Luzon, 551-555, t. 1, fig. 1. *P. subfascia* (Walker) desc., India, Japan, China, Sumatra, Java, Borneo, etc., 563-565. *P. pictipennis*, n. sp., S. Indien, 567-569, t. 1, fig. 12. *P. chalcum*, n. sp., Malabar Gebrige, Java, 572-573. *P. tricuspis* Motschulsky, Indien, Burma, Sumatra, Java, Borneo, Neu-Guinea, Australien etc., 578-580. *P. detersum* (Walker) desc., Ceylon, Burma, Annam, Formosa, Sumatra, Siboga, Java, Borneo, Philippinen, Neu-Guinea, Neu-Süd Wales, Queensland, etc., etc. 583-585. *P. velutinum* Walker, Ceylon, Negombo, Puttalam, Nalanda, Anardadhapura, 586-588.]
- VIII. Die Gattungen *Anisocara*, *Spiloscapa*, *Menimus*, *Labidocera* und *Pentaptyllus*. (XXVIII, 101-128, t. 1, Sep. 1925.) [*Anisocara*, n. g., 101-102, *A. gynandromorpha*, n. sp., Java, 102-103, t. 1, fig. 1. *Menimus* Sharp, new desc. 106-107. Key to Asiatic spp., 108-109; *M. rugicollis*, n. sp., Ceylon, 113-114, t. 1, fig. 2. *M. ovalis* Allard, desc., Trichinopoly, Madura, Shembagnur, Khasias, 114-116, t. 1, fig. 3. *M. indicus*, n. sp., Madras, 116-117. *Labidocera*, n. g., 117-119. *L. abnormis*, n. sp., Mentawai, Java, 119-120, t. 1, fig. 4. *Pentaptyllus* Latreille, Key to spp. 121, *P. basalis*, n. sp., Ceylon, 121-122. *P. bifasciatus*, n. sp., Neu-Guinea, 123. *P. mentawicus* n. sp., Mentawai, 124-125. Many new spp. from other regions, and old spp. redescribed.]

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acerifolium; *P. scutellaris*, sp. n., United Provinces: Riverian Forest, Nagsidh, Dehra Dun, bred from *Eugenia jambolana*; Lachiwala Range, Dehra Dun, bred from *Acacia pennata*; Bombay: Nasik, bred from *Cassia auriculata*.]

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 Phalonidae: *Phalonia thermoconis*, n. sp., p. 139, Kashmir;
 Srinagar, 5,200 ft.; Kumaon, Muktesar, 7,060 ft.; Eucosmidae:
Acroclita paulina, n. sp., p. 140, Kumaon, Muktesar, 7,000 ft.;
Eucosma hypsidryas, n. sp., pp. 140-1, India: U. P. Deolan,
 Chakrata Div., 9,000 ft. (bred from larva in buds of *Picea morinda*.);
Eucosma phoenocrossa, n. sp., p. 141-2, South India, Travancore
 (bred from *Careya arborea*); *Eucosma dryocarpa*, n. sp., p. 142,
 India, U. P. Mussorie, 6,000 ft., Dehra Dun, (bred from *Quercus dilatata*); *Argyroploce niphodella*, n. sp., pp. 142-144, Assam,
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Pusa; Blastobasidae: *Blastobasis ochromorpha*, n. sp., 145, India: U. P., Dehra Dun (bred from seeds of *Shorea robusta*); *Xylcrygidae*: *Acolanthes ampelurga*, n. sp., p. 146, Kumaon, Muktesai, 7,000 ft.; *Ptochoryctis involuta*, n. sp., p. 152, Bombay, Karwar.] Wegener's Hypothesis and the Distribution of Micro-lepidoptera. (*Nature*, CXV, 834-835, May 1925.)

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province, Tsha-jiu-san hill tracts; *O. kempi*, Yembung, 1,160 ft.; *O. neglectus*, Base of West Himalayas, Naini Tal District, Baren; *O. gravelyi*, Chota Nagpur, Chaibassa River; *O. scalaris* Reg. sub-sp. *andamanarum*, Andaman Islands; sub-sp. *parvulus*, Lower Burma, Amherst Dist., Kawkaireik; *O. fletcheri*, South Malabar, Kollengode; *O. marginipennis*, Aube. sub-sp. *angustilimbus*, Dehra Dun, U. P. West Himalayas, Lachiwala; Sub-sp. *parvilimbus*, China, Canton Province, Tsha-jiu-san; *O. cylindricus* Reg., Pusa (Bihar); *O. coronatus*, N. E. Assam, Sadiya, Dikrang River; *O. annandalei*, South India, Travancore, West side of Western Ghats, Tenmalai.]

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Bibliographical.

Zoological Record 1923; Catalogue of Scientific papers; COLCORD (Index III, Lit. Am. Eco. Ent.); FLETCHER (List. of Pub. on Ind. Ent.); MORSTATT (Pflanzenschutzliteratur 1924).

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ANONYMOUS (Anti-malaria advisory Comm. report); BARNES (Oil films and mosquito larvae); BRUMPT (Resistance of eggs of *A. maculipennis*); BUNKER AND HIRSCHFELDER (Mosquito repellants); BUXTON AND HOPKINS (Attraction of *Slegomyia* to hay infusions); CHARRIER (Oils, etc., and mosquito larvae); CHRISTOPHERS, GILL (*A. rossii* and malaria); KERANDU (Insect predators of mosquito larvae); MARSHALL, J. F. (Mosquito control); PARAVENTIER (Mosquito eradication); SENIOR-WHITE (Eradication of malaria, Ceylon mosquitoes); STRICKLAND (Mosquito and malaria). [See also under Control measures, Bionomics, etc.]

Sand flies ; Kala-azar :

CHRISTOPHERS (Kala-azar commission); CHRISTOPHERS, SHORTT AND BARRAUD (Development of parasite. Feeding of Sand. flies. Culicoides); CUNNINGHAM AND PUNDIT; LLOYD AND OTHERS (Identification of blood meal of *Ph. argentipes*); MELENEY; MICHAEL; NAPIER; NICOLLE (Experiments in transmission and immunity); SHORTT AND SWAMINATH (*Cimex hemiptera* not carrier of Kala-azar); SINTON (*Phlebotomus*);

Transmission of dengue.

CHANDLER; MEGAW.

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Veterinary.

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General—contd.

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Insecticides, etc. (General).

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Stomach insecticides.

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PARASITES AND PREDATORS OF INSECTS.

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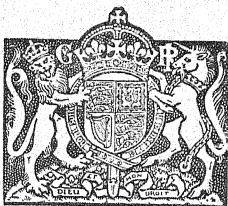
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R. B. Unadikar & Co., The Bharat Book Depot, Dhawan.

The Standard Bookstall, Karachi, Quetta, Delhi, Murree and Rawalpindi.

The Karachi Book Depot, Biphinstone Street, Camp, Karachi.

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The North India Christian Tract and Book Society, 18, Olive Road, Allahabad.

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The Hindu School Bookshop, Lahore.

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Manager, The "Hivavada," Nagpur.

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S. C. Talukdar, Proprietor, Students & Co., Cooh Behar.

Times of Ceylon Co., Ltd., Colombo.

The Manager, Ceylon Observer, Colombo.

The Manager, The Indian Book Shop, Benares City.

The Srivilliputtur Co-operative Trading Union, Ltd., Srivilliputtur (Satur, S. I. R.).

Banwar Lal, Esq., Pakaria Street, Filkhiti United Provinces.

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(Received for publication on 9th April 1927)

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Abbott, W. S.—Determining the effectiveness of dormant treatments against the San José Scale. (*Jl. Ec. Ent.* XIX 858-860; Dec. 1926.)

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is prior name of *Argyromacra*, Schiner 1860, as previously pointed out by Bezzi.]

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[*Notiophilus radians*, n. sp., Gori Valley, 7,000 ft., p. 70; *Carabus wage*, Fairm., redescr., Matoli, Girthi Valley, 14,500 ft., p. 71; *Coryza semirubra*, n. sp., Sarju Valley, 5,000 ft., also known from Ranikhet, Almora, and other places, p. 71-72; *Bembidium persephone*, n. sp., Sheshel, 15,750 ft., p. 72-73; *Bembidium eurydice*, n. sp., Gori River Gorge, 5-9,000 ft., p. 73-74; *Bem-*

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Brief Descriptions of new Thysanoptera. XV. (*Ann. Mag. Nat. Hist.*, (9th s.), XVIII, 98-114; July 1926.) [*Brachyurothrips indicus*, n. sp., Calcutta, p. 98-99; *Physothrips immisi*, n. sp., near Bhowali (Kumaon), p. 106-107; *Thrips immisi*, n. sp., Dehra Dun, near Bhowali (Kumaon), p. 110; *Thrips melanurus*, n. sp., Darjiling, p. 11-112;]

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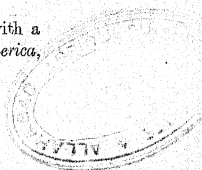
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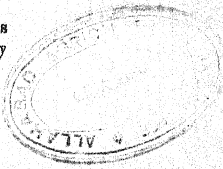
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Undescribed Crane-flies from the Holarctic Region in the United States National Museum. (*Proc. U. S. Nat. Mus.* LXXII, Art. 2, pp. 1-17, t. 1; 1927). [*Brithura nymphica*, pp. 1-3, t. 1, f. 1; *Eriocera grahami*, p. 3, t. 1, f. 2; *E. cybele*, pp. 4-5, *E. arrogans*, pp. 5, 6, t. 1, f. 3, n. spp., Omci-shan; *E. fumidipennis*, n. sp., pp. 3-4, Suifu.]

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- Blair, K. G.**—Heteromera of the Third Mt. Everest Expedition, 1924. (*Ann. Mag. Nat. Hist.*, 241-255 ; Feb. 1927). [Tenebrionidae, pp. 242-248 ; *Stenillus*, n. g., p. 245, type *monticola*, n. sp., p. 245, Tibet (13,500 ft.) ; Cistelidae : *Allecula himalaica*, pp. 248-249, *A. seminulens*, p. 249, n. spp., 10,000-11,000 feet ; Lagriidae : *Lagria tibetana*, n. sp., pp. 249-250, Tibet (10,000-11,000 ft.) ; Pedilidae, p. 250 ; Mordellidae : *Anaspis (Silaria) everestiana*, n. sp., pp. 250-251, 11,000 feet ; Anthicidae : *Anthicus hingstoni*, n. sp., pp. 251-252, 14,000-17,000 ft. ; Meloidae : *Mylabris longiventris*, pp. 253-254, Tibet, Sikkim ; *M. hingstoni*, n. sp., pp. 254-255, Tibet].

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New Staphylinidae from Ceylon. (*Spolia Zeylan.* XIV, 115 ; Apl. 1927). [*Paederus amplicollis*, Kr., var. *nigrescens*, nov., Nuwara Eliya ; *Cryptobium unicolor*, n. sp., Vavuniya.].

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pp. 54-55, Kumaon ; *A. (Silaria) everestina*, Blair, P. 55, Kumaon, Tibet, redescr. ; *A. (S.) alticola*, n. sp., pp. 55-56, Kumaon ; *A. (S.) tenebrica*, n. sp., p. 56, Kumaon ; *A. (S.) binotata*, n. sp., Kumaon, Jhatingri (Punjab), pp. 56-57 ; *A. (S.) almorana*, n. sp., p. 78, Kumaon ; *A. (S.) minutula*, n. sp., p. 78, Kumaon ; key to Indian *Silaria* spp., pp. 78-79. Telephoridae : *Ichthyurus giannellii*, Gestro 1888=*I. ranikhetensis*, Champ. 1924, p. 79, Darjiling, Ranikhet ; *I. phyllocnema*, n. sp., pp. 79-80, Nilambur ; *I. succularius*, n. sp., p. 80, Rungbong Valley ; *I. oblongomotatus*, n. sp., pp. 80-81, Dehra Dun ; *I. plicatus*, n. sp., p. 81, Anamalais, Nilgiris ; *I. parallelus*, n. sp., pp. 81-82, Belgaum ; *I. obliqueguttatus*, n. sp., p. 82, Nilambur ; *I. annuliventris*, n. sp., pp. 82-83, Sylhet. Melyridae : *Ebaeus bilineatus*, n. sp., p. 83, Simla Hills (10,000 ft.) ; *E. bifurcatus*, n. sp., pp. 83-84, Simla Hills (9,000-10,000 ft.) ; *Hypchaeus fissus*, n. sp., p. 84, Mandi, Dehra Dun ; *Pseudoceraophelus rosti*, Pic, pp. 84, 85, vars. n. *quercicola*, *rectifasciatus*, Simla Hills (7,000-10,000 ft.) ; *Procerallus picipes*, n. sp., p. 85, Simla Hills (7,000 ft.)]

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distr. ; *S. septemnotatum*, n. sp., p. 270, Gopaldhara ; *S. cinnamomeum*, n. sp., pp. 270-271, W. Almora ; *S. cyanellum*, Obth. 1884, p. 271, redeser., N. India, Shillong ; *Cyparium plagipenne*, Achard 1922, p. 271, redeser., "India," W. Almora, Gopaldhara ; *C. montanum*, Achard 1922, redeser., Simla, Gopaldhara, Darjiling ; *Heteroscapa distincta*, Achard 1920, p. 272, Burma, Gopaldhara, Patkai Hills ; *Toxidium arcuatum*, n. sp., p. 272, Haldwani distr. ; *T. curtilineatum*, n. sp., p. 273, Haldwani distr. ; *T. gibbosum*, n. sp., p. 273, Haldwani distr. ; *Pseudobironium almoranum*, n. sp., p. 273, W. Almora ; *Baeocera inaequicornis*, n. sp., W. Almora, p. 274 ; *Scaphosoma*, Leach, p. 274, key to spp. ; *S. cruciatum*, n. sp., p. 275, Haldwani distr. ; *S. ornatum*, n. sp., p. 275, Kumaon ; *S. tetrastictum*, n. sp., p. 275, Kumaon, W. Almora, in logs of *Pinus longifolia* ; *S. leucopyga*, n. sp., p. 276, Kumaon ; *S. mutatum*, n. sp., p. 276, Kumaon, Darjiling distr. ; *S. forcipatum*, n. sp., pp. 276-277, f. 1, Naini Tal, Gopaldhara ; *S. prehensor*, n. sp., p. 277, Haldwani, Ranikhet ; *S. cribripenne*, n. sp., pp. 277-278, Haldwani distr. ; *S. ebeninum*, n. sp., p. 278, Pindari Valley, Almora ; *S. minutissimum*, n. sp., p. 278, Kumaon ; *Mysthriz*, Blair, n. g., p. 278, type *termitophilum*, Champion, n. sp., pp. 278-279, tt. 5, 6, Haldwani distr., found in Termites' fungus-comb.]

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A

Aldrich, J. M.—

Five new parasitic Flies reared from Beetles in China and India.
(*Proc. U. S. Nat. Mus.* LXXIV, Article 8, pp. 1-7 : 1928.) [*Adapsilia flaviseta*, n. sp., pp. 2-3, Shillong.]

Three new species of two-winged Flies of the Family Bombyliidae from India. (*Proc. U. S. Nat. Mus.* LXXIV, Article 2, pp. 1-3 : 1928.) [*Aphabuntus clauseni*, n. sp., pp. 1-2, Shillong ; *A. seratus*, n. sp., p. 2, Shillong ; *Exoprosopa siphon*, n. sp., pp. 2-3, Shillong ; all secondary parasites on *Tiphia* spp. parasitic on Rutelid Beetles.]

Alpatov, W. W.—Variation of Hooks on the Hind Wing of the Honey Bee (*Apis mellifera*, L.). (*Woods Hole Biol. Bull.* LV, 209-234 ; Sept. 1928.)

Alwis, E. de.—The Brinjal Leaf-webber, *Psara* (*Pachyzancla*) *bipunctalis*, Fb. (*Trop. Agric.* LXX, 87-89, tab. ; Feb. 1928.)

Andres, A.—The Dragonflies of Egypt. (*Mem. Soc. R. Ent. Egypte*, Vol. III, fasc. 1, pp. 43, tt. 1-5, Nov. 1928.) [Several Indian species are included.]

Andrewes, H. E.—

A Catalogue of the Carabidae of Ceylon. (*Spolia Zeylan.* XIV, 135-195 ; 12 Mar. 1928.)

On the types of Oriental Carabidae described by V. de Metchulsky. (*T. E. S.* LXXVI, 1-24 ; 18 Aug. 1928.)

Papers on Oriental Carabidae XXI. (*Ann. Mag. Nat. Hist.* (10) II, 586-590 ; Dec. 1928.) [Synonymy.]

Andrewes, E. A.—On the incidence of Insect Pests and Fungus Diseases on Tea at Tocklai. (*Ind. Tea Assocn. Sci. Dept. Qly. Jl.* 1928, pp. 173-177 : Sept. 1928.)

Aragao, Henrique de Beaurepaire.—Leishmaniose tegumentar e sua transmissao pelos phlebotomos. Tegumentary Leishmaniosis and its Transmission by Phlebotomi. (*Mém. Inst. Oswaldo Cruz*, XX, 177-187, t. 1, 1927.)

Arrow, G. J.—Polymorphism in Horned Beetles. (*T. E. S.* LXXVI, 73-77, t. 5; 18 Aug. 1928.)

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Baillon, P. Cappe de.—Embryogénie tératologique chez les Plasmides (*Menczenus semiarmatus*, Westw., et *Clitumnus artemis*, Br.). (*Bull. Biol. Fr. Belg.* LXII, 378-387, ff. 1-3; Oct. 1928.)

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A Revision of the Culicine Mosquitoes of India. Part XXIII. The genus *Aedes* (*Ind. Jl. Med. Res.* XV, 653-669, tt. 56-59; Feb. 1928.)

A Revision of the Culicine Mosquitoes of India. Part XXIV. The Indian species of the subgenera *Skusea* and *Aedes*, with descriptions of eight new species, and remarks on a new method for identifying the females of the subgenus *Aedes*. (*Ind. Jl. Med. Res.* XVI, 357-375, tt. 31-38; Oct. 1928.)

The distribution of *Stegomyia fasciata* in India, with remarks on Dengue and Yellow Fever. (*Ind. Jl. Med. Res.* XVI, 377-388, 2 maps; Oct. 1928.)

Barraud, P. J. and Covell, G.—The Morphology of the Buccal Cavity in Anopheline and Culicine Mosquitoes. (*Ind. Jl. Med. Res.* XV, 671-679, tt. 60-67; Feb. 1928.)

Barrett, O. A.—The Diurnal and Annual Fluctuations of Temperature in the interior of a large Tree. [*Proc. R. Soc. Victoria* (n. s.) XLII, 32-44; Sept. 1928.]

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- Beattie, Mary V. F.**—Observations on the Thermal Death Points of the Blow-fly at different relative Humidities. (*Bull. Ent. Res.* XVIII, 397-403, ff. 2; May 1928.)
- Beeson, C. F. C.**—
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The Trap-tree Method (of controlling *Hoplocerambyx*, the Sal-borer). (*Ind. Forester* LIV, 595-599; Nov. 1928.)
- Beier, Dr. Max.**—Zur Zytologie des Nervensystems der Insekten während der Metamorphose. (*Zool. Anz.* LXXVII, 52-56, ff. 3; June 1928.)
- Benick, L.**—Ostasiatische Steninen (Col. Staph.). (*Stett. Ent. Ztg.* LXXXIX, 235-286, figs. ; 1928) [*Stenus kursonginus*, Bernh. pp. 239-240, f. 3, Masuri; *S. rugosissimus*, Champ., p. 240, f. 4, Masuri; *S. coronatus*, n. sp., pp. 245-246, Yunnanfu (Yunnan).]
- Bequaert, J.**—A study of certain Types of Diplopterous Wasps in the Collection of the British Museum. (*Ann. Mag. Nat. Hist.* (10) II, 138-174; July 1928.) [Useful notes on many Indian species.]
- Betrem, J. G.**—Monographie der Indo-Australischen Scoliden (Hym. Acul.) mit Zoogeographischen betrachtungen. (*T'reubia* IX—Supplement pp. 1-388, tab. I-V; Jan. 1928) [Morphology and Anatomy, pp. 4-34; Biology, pp. 50-55; Key to spp. of genus *Campsomeris*, pp. 66-83; *Campsomeris (Dielis) madurensis*, n. sp., p. 105, Shembaganur, Madura; *Campsomeris (Dielis) assamensis*, n. sp., p. 111, Khasia, Assam; *Campsomeris (Dielis) rubromaculata*, subsp. *pseudindica*, n. subsp., p. 120, Urugalla, Ceylon; *Megacampsomeris* n. subgen., p. 138; *Campsomeris (Megacampsomeris) asiatica* subsp. *himalayana*, n. subsp., p. 141, Almora, Jakula, Kumaon; *Campsomeris (Megacampsomeris) binghami*, subsp. *khasiensis* n. subsp., p. 143, Shillong, Khasia Hills; *Campsomeris (Megacampsomeris) cochinensis*, n. sp., p. 151, Parambikulam, 1,700-3,200 ft., Cochin State; *Campsomeris (Megacampsomeris) farrenwhitei*, n. sp., pp. 153-54, "East India"; *Campsomeris (Megacampsomeris) shillongensis*, n. sp., pp. 155-6, Shillong, Khasia Hills, 5,000 ft.; *Campsomeris (Megacampsomeris) dehraensis*, n. sp., pp. 156-57, Dehra Dun; synonymy of various species belonging to this genus. Key to sub-genera of *Scolia*, pp. 161-62; key to spp. of sub-genus *Liacos*, pp. 165-66; key to spp. of sub-genus *Carinoscolia*, pp.

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Bindra, S. S.—Studies on *Platyedra gossypiella*, Saunders, (Pink Boll-worm) in the Punjab. (*Ind. Agr. Enl. Mem.* X, 167-216, tt. 28-31; 1928.)

Blair, K. G.—Pythidae, Pyrochroidæ. (Junk's *Coleopt. Catal.*, Pt. 99: Berlin, 8 Oct. 1928; pp. 41 & 14.)

- Bodine, J. H.**—Insect Metabolism. The Anaërobic Metabolism of an Insect (Orthoptera). (*Biol. Bull. Woods Hole* LV, 396-403; Dec. 1928.)
- Box, H. E.**—The Introduction of Braconid Parasites of *Diatraea saccharalis*, Fabr. into certain of the West Indian Islands (illustrated). (*Bull. Ent. Res.* XVIII, 365-370, ff. 2; May 1928.)
- Brain, C. K.**—The European Cabbage Worm (*Heliothis undalis*, Fabr.). (*S. Afr. Gardening and Country Life* XVIII, 193-194, 2 figs.; June 1928.)
- Brunetti, E.**—
New Oriental Asilidae (Diptera). (*Ann. Mag. Nat. Hist.* (10) II, 76-82; July 1928.) [*Stenopogon nigrofasciatus*, n. sp., pp. 76-77, Darjiling District, Teesta Road, 1,100 ft.; *Stichopogon maculipennis*, n. sp., pp. 77-78, Ceylon, Trincomali; *Microstylus whitei*, n. sp., pp. 78-80, Ceylon, Kanthalai; *M. rufoabdominalis*, n. sp., pp. 80-81, Ceylon, Kanthalai; *M. basalis*, n. sp., pp. 81-82, Ceylon, Habarana.]
Revisionary Notes on the Diopsidae (Diptera). (*A. M. N. H.* (10) II, 266-273; Sept. 1928.) [Oriental spp. of *Telocopsis*, Rondani; Catalogue of *Telocopsis* and *Sphyrsecephala* spp.]
- Bugajew, I. I.**—Zum Studium des Baues der Malpighischen Gefäße bei den Insekten. (*Zool. Anzeig.* LXXVIII, 244-255, 12 figs.; 15 Sept. 1928.)
- Bugnion, E.**—Un grand vol de Libellules (*Hemianax ephippiger*, Burm.) observé au Maroc. (*Bull. Soc. Entom. France* 1928, pp. 212-244; Nov. 1928.)
- Buscu, A.**—*Phthorimæa lycopersicella*, new species (Family Gelechiidae), a Leaf Feeder on Tomato. (*Proc. Hawaii. Ent. Soc.* VII, 171-174, tt. 2-3; June 1928.) [Remarks on genitalia of *P. operculella*, figured, t. 2, f. 1, t. 3, f. 4.]

C

Cameron, M.—

On the Oriental species of the *Lithocharis ochracea* group of Staphylinidae. (*Ent. Mo. Mag.* LXIV, 244-247, figs. ; Nov. 1928.)

- The Staphylinidae of the Third Mount Everest Expedition. (*Ann. Mag. Nat. Hist.* (10) II, 558-569; Dec. 1928.) [*Amphichroum monticola*, n. sp., p. 558, Tibet; *Coprophilus subplagiatus*, n. sp., p. 558, Tibet; *Oxytelus hingstoni*, n. sp., p. 559, Upper Sikkim; *Stenus sikkimensis*, n. sp., pp. 559-560, Darjiling; *Pseudorus tibetanus*, n. sp., pp. 560-561, Rongshar Valley; *P. hingstoni*, n. sp., p. 561, Darjiling; *Othius ruficornis*, n. sp., pp. 561-562, Upper Sikkim; *Philonthus poëphagus*, n. sp., p. 562, Tibet; *P. azuripennis*, n. sp., p. 563, Tibet, Upper Sikkim; *P. yatungensis*, n. sp., p. 564, Yatung; *P. nigricoxis*, n. sp., p. 564, Upper Sikkim, Tibet; *Staphylinus olivaceus*, n. sp., pp. 564-565, Upper Sikkim; *Ocypus aereus*, n. sp., pp. 565-566, Tangu; *Craspedomerus violaceipennis*, n. sp., pp. 566-567, Upper Sikkim, Tibet; *Algon semiacreus*, n. sp., p. 567, Darjiling; *Tachyporus triangulum*, n. sp., pp. 567-568, Gantok; *T. maculipennis*, n. sp., p. 568, Rongshar Valley; *T. lugubris*, n. sp., pp. 568-569, Darjiling; *Atheta lugubris*, n. sp., p. 569, Tibet (17,000 ft.).]
- Campion, H. and Laidlaw, F. F.**—Notes on Oriental Dragonflies, with Descriptions of New Species. (*P. Z. S.*, 1928, 129-138, 3 figs.; April 1928.) [*Mesogomphus henryi*, n. sp., pp. 131-132, Urugalla (Ceylon); *Orolestes wallacci*, Kirby, pp. 134-135, Assam, Tonkin, Malay Peninsula, Borneo, synonymy, key to spp.]
- Castro, A. B. de.**—The Effects of Bee Venom. (*Bombay N. H. Soc. J.* XXXII, 805-807; June 1928.)
- Chapman, Royal N.**—Quantitative Results in the prediction of Insect abundance on the Basis of Biotic Potential and Environmental resistance. (*Journ. Econ. Ent.* XXI, 349-351; April 1928.)
- China, W. E.**—Terminal abdominal processes in a Jassid larva. (*Proc. Ent. Soc. Lond.* III, 21-23, figs. ; 18 Aug. 1928.)
- Chopard, L.**—
Additional Notes on the Gryllidae of Ceylon (*Spolia Zeylan.* XIV, 197-208, tt. 13-16; Mar. 1928). [Several n. spp.]
Revision of the Indian Gryllidae. (*Rec. Ind. Mus.* XXX, 1-36 figs. ; April 1928.)
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597-630, tt. 1-4; July 1928.)

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1924, et Remarques sur quelques espèces de l'Himalaya.
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thibetanus, n. sp., pp. 284-288, f. 1, Tibet, Upper Sikkim; *T.*
hingstoni, n. sp., pp. 288-289, f. 2, Upper Sikkim; *T. indicus*
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Vorläufige Mitteilung über die wissenschaftlichen Ergebnisse meines Europa-Urlaubes. (*Entom. Mitteil.* XVII, 203-225; May 1928. [Key to subfamilies of Gyllacridæ, p. 225.]

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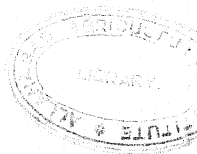
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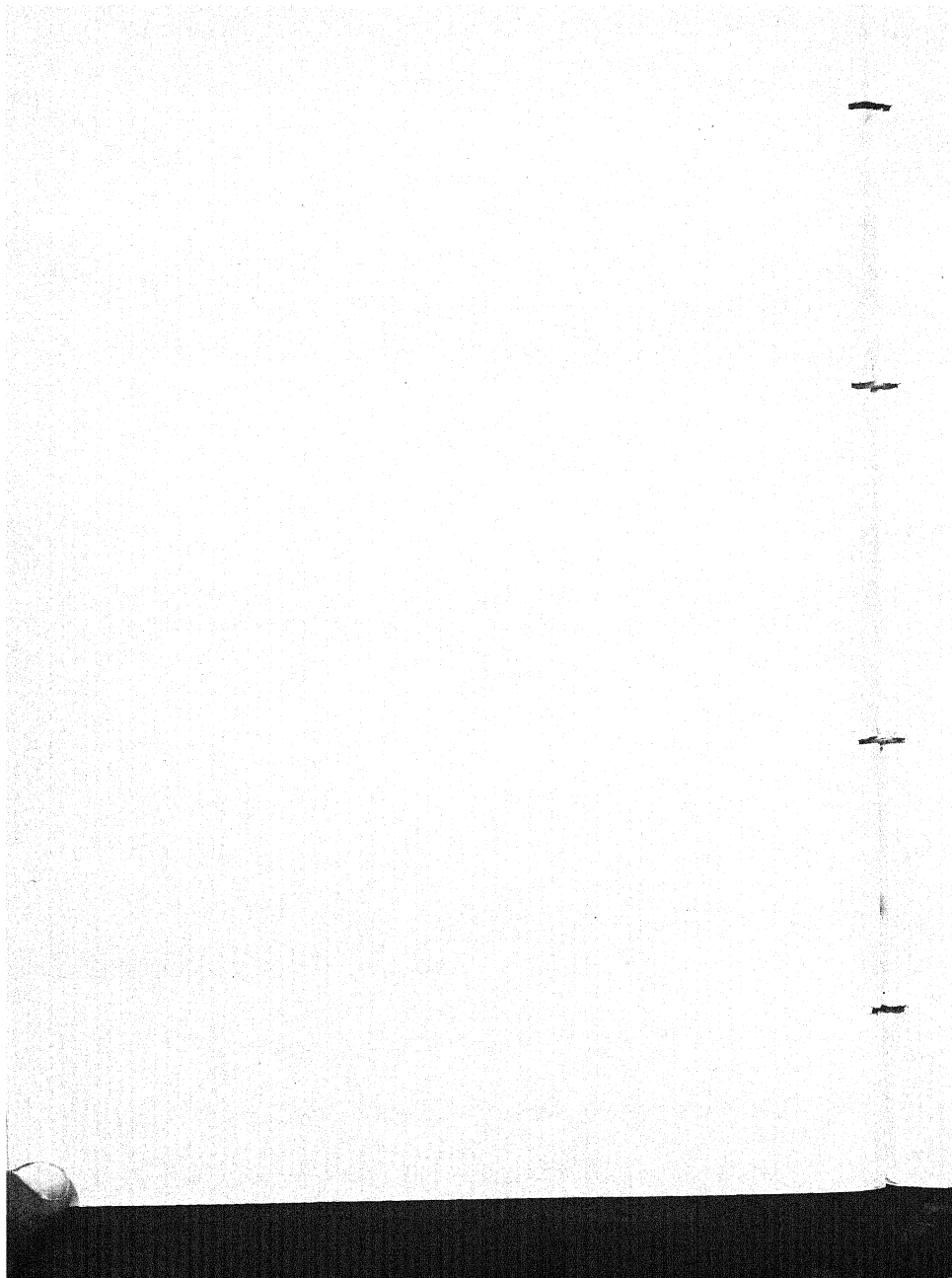
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- Adhikari, A. K.**—*Anopheles aitchinii*, James, in Vizagapatam Agency. (*Ind. Jl. Med. Res.* XVII; 214-215; July 1929.)
- Adler, S., and Theodor, O.**—Additional Evidence on the occurrence of *L. tropica* in wild *Phlebotomus papatasi*. (*Ann. Trop. Med. Parasit.* XXIII, 19-21; Apl. 1929.)
- Adler, S., and Theodor, O.**—Attempts to transmit *Leishmania tropica*—by Bite: the transmission of *L. tropica* by *Phlebotomus sergenti*. (*Ann. Trop. Med. Parasit.* XXIII, 1-18, t. 1; Apl. 1929.)
- Alexander, C. P.**—New or little-known Tipulidae from Eastern Asia (Diptera) IV. (*Philipp. Jl. Sci.* XL, 317-348, tt. 1-3; Novem. 1929). [*Phyllolabis beesoni*, n. sp. pp. 339-340, t. 1 f. 16, Masuri; *Gymnastes catagrapha*, n. sp., pp. 342-344, t. 1 f. 18, t. 3 f. 39, Castle Rock.]
- Alpatov, W. W.**—Biometrical Studies on Variation and Races of the Honey Bee (*Apis mellifera*, L.) (*Qly. Review Biology* IV, 1-58, figs.; Mch. 1929.)
- Andrewes, H. E.**—Fauna Sumatrensis. Carabidae (*Tijds. Ent.* LXXII, 303-340; Dec. 1929.)
- Andrews, E. A.**—A Tiger Beetle (*Neocollyris crassicornis*, Dejean) boring into Tea stems in N.-E. India. (*Qly. Jl. Sci. Dept., Ind. Tea Assocn.*, 1929, pp. 45-50; Aug. 1929.)
- Annales historico-naturales Musei Nationalis Hungarici**, Vol. XXV; Dec. 1928; (recd. Oct. 1929). [This volume contains a useful list of papers contained in Vols. I-XXV.]

Anstead, R. D.—Report on the Operations of the Department of Agriculture, Madras Presidency for the year 1928-29. (Madras : 1929.) [Entomology, pp. 40-41, Plate.]

Arnhart, L.—Ein interessantes Organ auf der Vorderflügelfläche von Chalcidiae und einigen Proctotrupidae. (*Zool. Anz.* LXXX, 174-176, figs. ; Feb. 1929.)

Arrow, G. J.—On the Families of Coleoptera related to the Erotylidae, with Descriptions of a new Family, two new Genera, and a few new species. (*Ann. Mag. Nat. Hist.* (1) IV, 305-322 ; Oct. 1929.)

Aubertin, D.—Resemblance and Diversity among Insects. (*Nat. Hist. Mag.* II, 123-127, figs. ; Oct. 1929.)

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Bagnall, R. S.—Brief Descriptions of New Thysanoptera XV. (*Ann. Mag. Nat. Hist.* (9) XVIII, 98-114 ; July 1926.) [*Brachyurothrips indicus*, n. sp., pp. 98-99, Calcutta ; *Physothrips immisi*, n. sp., pp. 106-107, Bhowali (Kumaon) ; *Thrips albipes*, Bagn., Dehra Dun, Bhowali ; *Thrips immisi*, n. sp., p. 110, Dehra Dun, Bhowali ; *Thrips melanurus*, n. sp., pp. 111-112, Darjiling.]

Bagnall, R. S.—On some new and interesting Thysanoptera of economic importance. (*Bull. Ent. Res.* XX, 69-76, figs. ; May 1929.) [*Selenothrips indicus*, Bagn., p. 71 ; *Dolichothrips varipes*, Bagnall, p. 73, India, Sudan, on cotton ; *Haplothrips ceylonicus*, Schmutz, pp. 73-74, Fed. Malay States.]

Bagnall, R. S.—A new Thrips-gall on Ironwood (*Messua ferrea*) and its Inhabitants. (*Ann. Mag. Nat. Hist.* (10) III, 601-606 ; June 1929.) [*Haplothrips tenuipennis*, Bagnall, from India, referred to *Adrancothrips*, Hood, p. 606.]

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Barber, C. A.—Termites or White Ants. (*Internat. Sugar Jl.* XXXI, 71-74 ; Feb. 1929.) [General Notes on Termites in South India.]

- Barritt, N. W.**—Experiments on the control of the Pink Bollworm in Egypt. (*Bull. Ent. Res.* XX, 41-43; May 1929.)
- Barritt, N. W.**—A new spray for Scale-Insects on Citrus in Egypt. (*Bull. Ent. Res.* XX, 44; May 1929.)
- Barraud, P. J.**—A Revision of the Culicine Mosquitoes of India. Part XXV. The Genera *Mucidus*, *Mimomyia*, *Ficalbia*, *Rachionotomyia* and *Hodgesia*. [*Ind. Jl. Med. Res.* XVI, 1052-1064, t. 86; Apl. 1929 (recd. June 1929).]
- Barraud, P. J.**—A Revision of the Culicine Mosquitoes of India. Part XXVI. The Genera *Heizmannia*, *Hæmagogus*, *Topomyia* and *Megarhinus*. (*Ind. Jl. Med. Res.* XVII, 259-280, tt. 14-15; July 1929.)
- Barraud, P. J.**—A simple method for the carriage of living Mosquitoes over long distances in the Tropics. (*Ind. Jl. Med. Res.* XVII, 281-285, figs.; July 1929.)
- Barraud, P. J., and Covell, G.**—The Morphology of the Buccal Cavity of the Mosquito. (*Trans. Seventh Congress Far East. Assoc. Trop. Med.* III, 98-102; 1929.)
- Bartenef, A. N.**—Die Bestimmungstabelle der Gattungen der Unterfamilie Libellulinae (Odonata). (*Zool. Jahrb. Syst.* LVI, 357-424, figs.: Feb. 1929.)
- Berland, L.**—Les Sphegidæ (Hyménoptères) du Muséum National de Paris. 5e Note. [*Bull. Mus. Nat. d' Hist. Nat. Paris*, 1928, pp. 329-331; 1928 (recd. July 1929).]
- Bezzi, M.**—Australian Pyrgotidæ (Diptera). (*Proc. Linn. Soc. N. S. W.* LIV, pt. 2, pp. 1-31, figs.; May 1929.) General characters, pp. 1-2; List of described spp. (including Indian), pp. 2-3; key to genera, p. 4: Appendix by J. R. Malloch, pp. 20-21; General remarks, pp. 21-22; key to genera, pp. 22-23.
- Bishopp, F. C.**—The Pigeon Fly—an important Pest of Pigeons in the United States. (*Jl. Ec. Ent.* XXII, 974-980; Dec. 1929.) [*Pseudolynchia maura*, Bigot.]

- Blair, K. G.**—Some new species of myrmecophilous Tenebrionidae. (*Zool. Anzeig.* LXXXII, 238-247, figs.; May 1929.) [*Scleropatrum andrewesi*, n. sp., pp. 238-239, f. 1, Nilgiris; *Chariophenus*, n. sp., pp. 239-240, type *C. wasmanni*, n. sp., pp. 240-241, f. 2, Nilgiris, Patkai Hills; *C. parkeri*, n. sp., p. 241, Tavoy; *C. apicalis*, n. sp., p. 241, Seinghu Valley (Upper Burma).]
- Blüthgen, P.**—Neue turkestanische *Halictus*-Arten. (Hym., Apidae.) (*Konowia* VIII, 51-86, figs.; Mch. 1929.) [*Halictus tadschicus*, n. sp., pp. 51-52, Quetta, Turkestan; *H. quettensis*, n. sp., pp. 58-61, Quetta; *H. araxanellus*, Blüthg., pp. 67-70, Peshin (Baluchistan); *H. subawarovestitus*, n. sp., pp. 80-81, Kashgar; *H. mordacellus*, n. sp., p. 84, ff. 8, Quetta; *H. desertorum*, Mor., pp. 84-86, ff. 9, Quetta.]
- Bodenheimer, F. S.**—Studien zur Epidemiologie, Ökologie und Physiologie der afrikanischen Wanderhauschrecke. (*Schistocerca gregaria*, Forsk.) [*Zeits. angew. Entom.* XV, 435-450: 1929 (recl. 9 Mch. 1930).]
- Bodenheimer, F. S., and Gutfeld, M.**—Über die Möglichkeiten einer biologischen Bekämpfung von *Pseudococcus citri*, Risso, in Palästina. Eine Epidemiologische Studie. (*Zeits. ang. Entom.* XV, 67-136, 24 figs.; May 1929.)
- Bodkin, G. E.**—The Locust Invasion of Palestine during 1928. (*Bull. Ent. Res.* XX, 123-140, map, tt. 7-9; Aug. 1929.)
- Boissezon, P. de.**—Expériences au sujet de la maturation des œufs chez les Culicides. (*Bull. Soc. Pathol. Exot.* XXII, 683-689; Oct. 1929.)
- Bollow, C.**—*Parnassius* spp. of Palearctic Region. [*Seitz' Macrolepidoptera, Supplement*, pt. 2, pp. 20-24 (Sept. 1929).]
- Böning, K.**—Insekten als Überträger von Pflanzenkrankheiten. (*Zeits. ang. Entom.* XV, 181-206; May 1929) (General remarks, bibliography.)
- Bose, K.**—Proceedings of a Conference held at Birnagar, Bengal, on 24th February 1929, to discuss the problem of Malaria control at Birnagar. (*Ind. Med. Gaz.* LXIV, 323-328, 3 figs.; June 1929.) [Anopheline mosquitoes and control.]

Bridwell, J. C.—The Cowpea Bruchid (Coleoptera) under another name—a plea for one kind of Entomological Specialist. (*Proc. Ent. Soc. Wash.* XXXI, 39-44; Feb. 1929.) [Cowpea Bruchid is *Callosobruchus maculatus*, Fb. 1775=*quadrinaculatus*, Fb. 1792; *Callosobruchus*, Pic. 1902, redeser., type fixed as *chinensis*, Linn. 1758=*scutellaris*, Fb.]

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Bryk, F.—Papilionidae I. (*Junk's Lepidopt.*, Catal. pt. 35; pp. 1-55; Berlin, June 1929.)

Buligan, C. T.—The Corn Borer, *Pyrausta nubilalis*, Hb. (*Philipp. Agric.* XVII, 397-450, 8 tabs: Jan. 1929.)

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Cameron, M.—Description of new species of *Eusteniamorpha* (Col. Staphyl). (*Zool. Anzeig.* LXXXII, 114-121; May 1929.) [*E. indica*, n. sp., pp. 119-120, Dehra Dun.]

Campbell, F. L.—The Detection and Estimation of Insect chitin; and the irrelation of "chitinization" to hardness and pigmentation of the Cuticula of the American Cockroach, *Periplaneta americana*, L. (*Ann. Ent. Soc. America* XXII, 401-426; Sept. 1929.)

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- Champion, H. G.**—Note on the Mating Habits of *Rhyssa persuasoria*, Linn. (*Ent. Mo. Mag.* LXV, 231-232; Oct. 1929.)
- Cherian, M. C.**—Life-history Notes on *Lamprosema indicata* (Pyralidae); a caterpillar pest of Chrysanthemums. (*Bombay N. H. Soc. Journ.* XXXIII, 857-860; Novem. 1929.)
- China, W. E., and Myers, J. G.**—A Reconsideration of the Classification of the Cimicoid Families (Heteroptera), with the description of two new Spider-web Bugs. (*A. M. N. H.* (10) III, 97-125, figs.; Jan. 1929.)
- Chowdhury, K. L.**—A new variety of Protanopheline, *A. barbistrostris*, van der Wulp, var. *ahomi*, found in Upper Assam. [*Ind. Jl. Med. Res.* XVI, 986-988, fig.; Apl. 1929 (recd. June 1929).]
- Christophers, S. R., and Puri, I. M.**—Why do *Anopheles* larvae feed at the surface, and how? (*Trans. Seventh Congr. Far East. Assoc. Trop. Med.* II, 736-738, t. 26: Sept. 1929.)
- Clausen, C. P.**—Biological Studies of *Pæcilogonales thwaitesii*, Westw., parasitic in the cocoons of *Henicospilus*. (*Proc. Ent. Soc. Wash.*, XXXI, 67-79, t. 5; May 1929.)
- Clemesha, W. W.**—A note on malarial conditions in the Province of Assam. (*Trans. Seventh Congr. Far East. Trop. Med.* II, 698-704; Sept. 1929.)
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- Coad, B. R.**—Organization and Progress of Pink Bollworm Research Investigations. (*Jl. Ec. Ent.* XXII, 743-750; Oct. 1929.) [Moths were found up to 3,000 feet above ground-level and may be transported by air-currents to great distances, perhaps 200 miles or over.]
- Cockerell, T. D. A.**—Descriptions and Records of Bees CXIV (*A. M. N. H.* (10) III, 195-204; Feb. 1929). [*Andrena bombayensis*, Cam., is a *Nomia*, p. 200, redescri.; *A. mollis*, Smith, is a *Nomia*, p. 200, redescri. *Andrena morosa*, Cam., p. 201, redescri.]

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- Conte, V.—Contributo alla conoscenza della Grillotalpa (*Gryllotalpa gryllotalpa*, L.). (*Boll. Lab. Zool. Portici*. XXI, 275-301, figs.; Feb. 1929) (Biology and control).
- Cotton, R. T.—The use of Carbon Dioxide to increase the insecticidal efficacy of fumigants. (*Proc. Ent. Soc. Wash.* XXXI, 97-102; June 1929.)
- Crampton, G. C.—The Evolution of the Head Region in Lower Arthropods and its bearing upon the Origin and Relationships of the Arthropodan Groups. (*Canad. Entom.* LX, 284-301, tt. 20-22; Jan. 1929.)
- Crawford, W. G.—The resting attitude of the Oriental Butterfly *Kalima*. (*Proc. Ent. Soc. London* III, p. 69; Mch. 1929.)
- Cresson, E. T.—Studies in the Dipterous Family Ephydriidae. Paper II. (*Trans. Amer. Ent. Soc.* LV, 165-195, July 1929.)
- Csiki, E.—Carabidae: Harpalinae III. (*Junk's Coleopt. Catal.* Pt. 104; pp. 347-527; Berlin, Mch. 1929.)
- Curran, C. H.—New Syrphidae and Tachinidae. (*Ann. Ent. Soc. America*. XXII, 489-510; Sept. 1929.) [*Criorhina*, key to Indian spp., p. 497; *C. pallidipes*, n. sp., p. 498, Deoban (Chakrata); *C. excavatus*, n. sp., pp. 498-498, Deoban (Chakrata); *C. spinularis*, n. sp.; p. 499, Dehra Dun; *Korinchia*, Edw., p. 503, Key to spp. *K. sinensis*, pp. 503-504, Suifu, Washan, n. sp.]
- Cushman, R. A.—Three new Ichneumonoid Parasites of the Rice-borer (*Chilo simplex*, Butler). (*Proc. Hawaii. Ent. Soc.* VII, 243-245; Dec. 1929.)

Czerny, L.—*Podocera ramifera*, eine neue Gattung und Art der Periseliden von Ceylon. [Konowia VIII, 93-94, 2 figs.; Mch. 1929.] [*P. ramifera*, n. sp., Peradeniya.]

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Davis, A. C.—Notes on *Coptotermes bornensis*, Oshima. (Isoptera.) A study in Description of the Termite Soldier. (Proc. R. Soc. Victoria XLII, 53-61, figs.; Oct. 1929.)

Dine, D. L. Van.—Parasites of Sugarcane Moth Borers. (Jl. Ec. Ent. XXII, 248-268; Mch. 1929.)

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